

X-1012 US
09/994,233



PATENT 31103
Conf. No. 8295

IN THE UNITED STATES PATENT OFFICE

Applicant: Michael A. Nix
Assignee: Xilinx, Inc.
Title: "High-Speed Differential Flip-Flop"
Serial No.: 09/994,233 File Date: 11/26/01
Examiner: Long T. Nguyen Art Unit: 2816
Docket No.: X-1012 US Conf. No.: 8295

BOX NON-FEE AMENDMENT
COMMISSIONER FOR PATENTS
Washington, D. C. 20231

AMENDMENT IN RESPONSE FIRST OFFICE ACTION

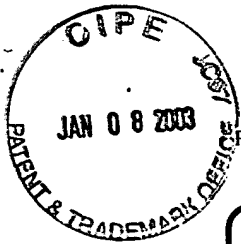
Dear Sir:

In response to the First Office Action mailed from the Patent Office on October 4, 2002, please replace/substitute the following claims as indicated.

IN THE CLAIMS

Claim 1 should be replaced with:

1. (Amended) A flip-flop comprising:
- a differential output stage having differential first and second input terminals and complementary first and second output terminals;
 - a transistor having a first current-handling terminal connected to the first output terminal, a second current-handling terminal connected to the second output terminal, and a control terminal; and
 - a cross coupled circuit having a cross coupled transistor directly connected to a power supply voltage, wherein a gate of the cross coupled transistor is connected to the second output terminal..



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Modified 9-98

PTO/SB/21 (12-97)
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

2816

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|---|-------------------------|-------------------|
| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> BOX: NON-FEE AMENDMENT Express Mail Receipt No. | Application / Conf. No. | 09/994,233 / 8295 |
| | Filing Date | November 26, 2001 |
| | First Named Inventor | Michael A. Nix |
| | Examiner Name | Long T. Nguyen |
| | Group Art Unit | 2816 |
| | Issue Fee Batch No. | |
| | Attorney Docket Number | X-1012 US |

| ENCLOSURES (check all that apply) | | |
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| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | |
|--|-----------------------------------|---|
| Firm or Customer Number | 24309 (Customer Number) | Reg. Number 37,652 |
| Attn: | Kim Kanzaki | |
| Signature | | |
| Date | January 3, 2003 | Charge any additional fees required/credit any overpayment to our Deposit Account Number: 24-0040 |

| CERTIFICATE OF MAILING | | | |
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| I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D. C. 20231 on this date: January 3, 2003 | | | |
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